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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/842,672	04/27/2001	Jerker Bergenek	003300-777	9036

7590   06/30/2005

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EXAMINER
CHAWAN, SHEELA C

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 06/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *16 March 2005*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,3-14 and 16-25* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,3-14 and 16-25* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Response to Amendment

1.   Applicant's amendment filed on March 16, 2005 has been entered and made of record.

Claims 2 and 15 are canceled.

Claims 21-25 are new.

Claims 1, 3-14,16- 25 are pending in the application.

Response to Arguments

2.   Applicant's arguments see page 3, filed March 16, 2005, with respect to rejection of claims 1-25 under 103(c) have been fully considered and are persuasive. The 103(a) rejection of claims 1-25 has been withdrawn.

Applicant's arguments see page 3, lines 17- 22 of the remarks, filed March 16, 2005, with respect to the rejection of claims 1-25 under 103 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Blonder (US 4,414,684).

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a

foreign country or in public use or on sale in this country, more than one year

prior to the date of application for patent in the United States.

Claims 1, 3 - 14, 16- 25 are rejected under 35 U.S.C. 102(b) as being anticipated

by Blonder (US 4,414,684).

As to claim 1,Blonder discloses a method of preventing false acceptance in a

system for checking fingerprints which comprises a sensor said method comprising:

recording a fingerprint (fig 1, element 4 corresponds to finger) with the sensor (fig

1, element 5 corresponds to prism and fig 1; element 7 recording the information on the

card in the form of transparent copy with blackened lines, column 5, lines 25-33); and

evaluating (fig 4, element 30 corresponds to evaluated signal unit) whether the

recorded   fingerprint originates from a Intent fingerprint on the sensor (column 17, line

43 through column 18, line 8) or from a finger placed on the sensor on the basis of the

location of the recorded fingerprint on the sensor in relation to an internal coordinate

system of the sensor (column 5, line 25 through column 6, line 23, column 17, line 43

through column 18, line 8, column 24, line 25 through column 25, line 22, column 26,

line 47 through column 27, line 63).

As to claim 21 see the rejection of claim 1 above.

As to claims 3 and 14, Blonder discloses a method wherein the evaluation step

comprises comparing the location of the recorded fingerprint on the sensor with the

location of a previously recorded fingerprint on the sensor (column 5, line 34 through

column 6, line 23).

As to claims 4 and 17, Blonder discloses a method further comprising the step of, if the location of the recorded fingerprint on the sensor and the location of the previously recorded fingerprint essentially correspond, considering the recorded fingerprint as originating from a latent fingerprint (column 5, line 34 through column 6, line 23).

As to claims 5 and 18, Blonder discloses a method wherein the previously recorded fingerprint is the immediately preceding fingerprint (column 6, lines 14-23), which was considered as originating from a finger, placed on the sensor (column 5, line 25 through column 6, lines 23, column 17, line 43 through column 18, line 8).

As to claims 6 and 19, Blonder discloses a method wherein the previously recorded fingerprint is the immediately preceding fingerprint (column 6, lines 14-23), which was accepted (column 9, lines 10-23, fig 17 and 18).

As to claims 7 and 20, Blonder discloses a method further comprising the step of storing information about the location of the recorded fingerprint on the sensor if the recorded fingerprint is not considered as originating from a latent fingerprint (column 24, line 25 through column 25 line 22, column 26, line 47 through column 27, line 63).

As to claim 8, Blonder discloses a method wherein the step of comparing the location of the recorded fingerprint on the sensor with the location of a previously recorded fingerprint comprises comparing the location on the sensor of at least one feature of the recorded fingerprint with the location on the sensor of the corresponding feature of the previously recorded fingerprint (column 24, line 25 through column 25, line 22).

As to claim 9, Blonder discloses a method wherein the step of comparing the

location of the recorded fingerprint on the sensor with the location of a previously

recorded fingerprint comprises comparing the location on the sensor of a partial area

(column 17, lines 3- 65, fig 12a) of the recorded fingerprint with the location of a

corresponding partial area of the previously recorded fingerprint (column 17, lines 3- 65,

fig 12a).

As to claim 10, Blonder discloses a method further comprising the step of

matching at least one partial area of a reference fingerprint with the recorded fingerprint

to obtain at least one matching partial area of the recorded fingerprint, wherein the step

of comparing the location of the recorded fingerprint on the sensor with the location of a

previously recorded fingerprint comprises comparing the location on the sensor of the

matching partial area with the location of the corresponding partial area of the

previously recorded fingerprint (column 17, lines 3- 65, fig 12a).

As to claim 11, Blonder discloses a method wherein the comparison of the

location of the recorded fingerprint on the sensor with the location of a previously

recorded fingerprint is carried out only in the event that a matching between a reference

fingerprint and the recorded fingerprint reveals that the recorded fingerprint originates

from an authorized person (column 24, line 59 through column 25, line 8).

As to claim 12, Blonder a system for fingerprint checking comprising a sensor,

wherein the system is arranged to detect a Latent fingerprint on the sensor so as to

prevent false acceptance, and wherein the sensor has an integral coordinate system (fig

1, column 5, line 25 through column 6, line 23, fig 17, column 24, line 25 through

column 25, line 8).

As to claim 13, Blonder discloses a system, wherein the system is further

arranged to record a fingerprint by means of the sensor and, on the basis of the location

of the recorded fingerprint on the sensor, evaluate whether the recorded fingerprint

originates from a latent fingerprint on the sensor or from a finger placed on the sensor

(column 5, line 34 through column 6, line 23).

As to claim 16, Blonder discloses a storage medium for digital information which

medium is readable for a computer system the storage medium containing a computer

program (column 25, lines 14 - 38) for preventing false acceptance of fingerprints,

characterized in that said program implements (note, fig 9, element 46 works like

computer making logic decision relating to the position of the inserted finger on the

prism, column 11, lines 11- 44).

As to claim 22 and 25, Blonder discloses a method wherein the subsequent

fingerprint corresponds to that of a finger in contact with the sensor at the time the

recorded fingerprint is recorded by the sensor (column 5, line 34 through column 6, line

23, column 9, lines 1-23).

As to claim 23, argument analogous those presented for claim 1 are applicable to

claim 23. Regarding the step of a processing unit coupled to the sensor as taught by

Blonder fig 10 and 17, column 24, line 25 through column 25, lines 38).

As to claim 24, Blonder discloses a system wherein the processing unit is

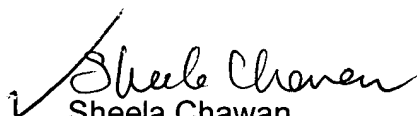configured to compare the location of the recorded fingerprint on the sensor with the

location of a previously recorded fingerprint on the sensor (column 5, line 25 through

column 6, line 23, column 17, line 43 through column 18, line 8).

Contact Information

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Sheela C Chawan whose telephone number is 703-

305- 4876. The examiner can normally be reached on Monday - Thursday 8 - 6.30.

         If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bhavesh Mehta can be reached on 703-308-5246. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

         Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Sheela Chawan
Patent Examiner
Group Art Unit 2625
June 22, 2005